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PATENT *ttj*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Mohamed K. Diab, et al.) Examiner: Unknown
App. No. : 08/834,194) Group Art Unit: 2414
Filed : April 14, 1997)
For : IMPROVED SIGNAL)
PROCESSING APPARATUS)
AND METHOD)

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on

October 21, 1997

(Date)

Jerry T. Sewell, Reg. No. 31,567

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

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GROUP 2600

Dear Sir:

Enclosed is form PTO-1449 listing references that are also enclosed, except for *Adaptive Filter Theory* and *Adaptive Signal Processing* textbooks (References N and O) which were previously submitted in Application No. 08/132,812, now U.S. Patent 5,490,505. This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account 11-1410. A duplicate copy of this Statement is enclosed for that purpose.

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GROUP 3300Dated: October 21, 1997

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

By:

Jerry T. Sewell

Registration No. 31,567

Attorney of Record

620 Newport Center Drive

Sixteenth Floor

Newport Beach, CA 92660

(714) 760-0404